

STEREO MOC Status Report
Time Period: 2007:029 - 2007:035

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 030, the downlink was intermittent with DSS-45 through the first 20 minutes of the track. The station corrected a miss-configuration and the downlink was good for the remainder of the track. Once a good downlink was established, the SSR playback was re-started and all data was recovered.
- On DOY 032, there was a mis-configuration at DSS 25 for using a 200 W uplink vice 20 kW uplink transmit power. The station reconfigured and reswept after all S/C data was downlinked and before the instrument SSR playback began. All SSR data was recovered.
- On DOY 035, DSS 45 locked onto the downlink signal 17 minutes late. All SSR data was recovered.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On DOY 030 at 1600Z, a SECCHI HI Stray Light Offpoint event was conducted.
- On DOY 034 at 1300Z, a SECCHI GT Calibration Offpoint event was conducted.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- None.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On DOY 029 at 0510Z and DOY 031 at 0450Z, the second and third, respectively, SWAVES Calibration Roll events were conducted.
- On DOY 031, switched to using the HGA with reverse polarization (LCP) on the uplink and downlink at each DSS and began using a 20 kW uplink transmit power at each DSS.
- On DOY 034 at 1815Z, a SECCHI GT Calibration Offpoint event was conducted.
- On DOY 035 at 1040Z, a SECCHI EUVI Flat Field Offpoint event, SECCHI driven, was conducted.